

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: 10/587,778  
Applicants: Hajime MAEKAWA, et al.  
Filed: July 28, 2006  
Title: COMMUNICATION SYSTEM, INFORMATION PROCESSING SYSTEM,  
INFORMATION PROCESSING APPARATUS, TUNNEL MANAGEMENT  
APPARATUS, INFORMATION PROCESSING METHOD, TUNNEL  
MANAGEMENT METHOD, AND PROGRAM  
TC/A.U.: To Be Assigned  
Examiner: To Be Assigned  
Confirmation No.: To Be Assigned  
Docket No.: MAT-8872US

**INFORMATION DISCLOSURE STATEMENT*****Mail Stop PCT***

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO SB/08(a) and PTO SB/08(b) form submitted herewith. A copy of the references listed on the PTO SB/08(a) and PTO SB/08(b) are enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

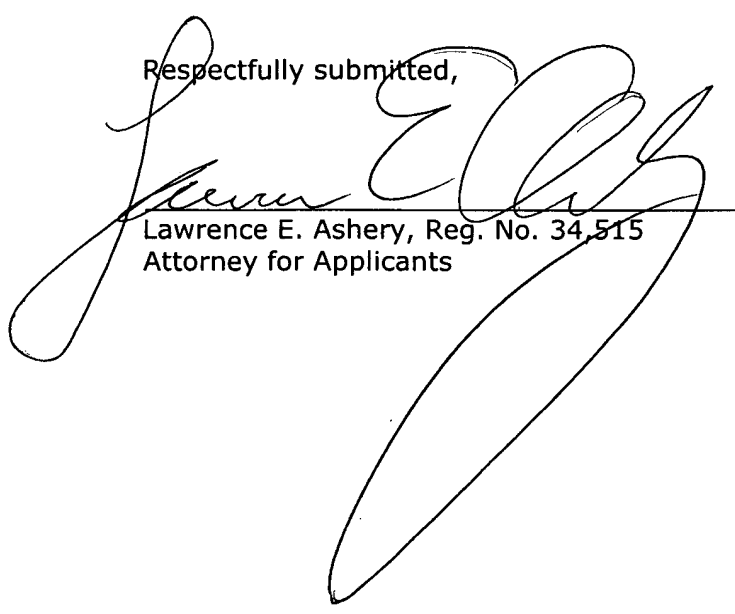
The following Japanese reference is not in the English language:

- 1) Koichi NAKANO, "L2TP ni yoru Solution," Computer & Network LAN, Vol. 16, No. 10, October 1, 1998, pp. 28-33.

Reference 1) includes an English language translation.

This Information Disclosure Statement is being filed within three months of the filing date of the above-referenced application or before mailing of the first Official Action. No first Official Action has yet been received and it is presumed that none has yet been mailed. No fee or statement is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,

  
Lawrence E. Ashery, Reg. No. 34,515  
Attorney for Applicants

LEA/fp

Enclosures: PTO/SB/08B  
(1) Reference

Dated: August 24, 2006

P.O. Box 980  
Valley Forge, PA 19482-0980  
(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. **18-0350** of any fees associated with this communication.

**EXPRESS MAIL: Mailing Label No.: EV 766 498 069 US**  
**Date of Deposit: August 24, 2006**

I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
AMANDA KELLY

FP\_52028

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for Form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

|                      |                        |
|----------------------|------------------------|
| Application Number   | 10/587,778             |
| Filing Date          | July 28, 2006          |
| First Named Inventor | Hajime MAEKAWA, et al. |
| Art Unit             | To Be Assigned         |
| Examiner Name        | To Be Assigned         |
| Attorney Docket No.  | MAT-8872US             |

SHEET 1 of 1

**NON-PATENT LITERATURE DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T <sup>2</sup>                      |
|-----------------------|--------------------------|--|-------------------------------------|
|                       |                          | Koichi NAKANO, "L2TP ni yoru Solution," Computer & Network LAN, Vol. 16, No. 10, October 1, 1998, pp. 28-33, with English translation.   | <input checked="" type="checkbox"/> |
|                       |                          |  | <input type="checkbox"/>            |
|                       |                          |  | <input type="checkbox"/>            |
|                       |                          |  | <input type="checkbox"/>            |
|                       |                          |  | <input type="checkbox"/>            |
|                       |                          |  | <input type="checkbox"/>            |
|                       |                          |  | <input type="checkbox"/>            |
|                       |                          |  | <input type="checkbox"/>            |
|                       |                          |  | <input type="checkbox"/>            |
|                       |                          |  | <input type="checkbox"/>            |
|                       |                          |  | <input type="checkbox"/>            |
|                       |                          |  | <input type="checkbox"/>            |
|                       |                          |  | <input type="checkbox"/>            |
|                       |                          |  | <input type="checkbox"/>            |
|                       |                          |  | <input type="checkbox"/>            |
|                       |                          |  | <input type="checkbox"/>            |

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.